

IN THE SPECIFICATION

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12/10/10 Please insert the following new paragraph at page 10, line ¹¹~~10~~:

FIG. 20 illustrates a side view of a magnet with a magnetosensitive element installed on a T-shaped ferromagnetic pole piece.

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12/10/10 Please amend the following paragraph at page 11, line ²⁸~~24~~ to page 12, line 1:

Magnetosensitive element 3 of the sensor is ideally placed as close as possible to "zero gauss" point 4, as illustrated in FIG. 15 for a substantially U-shaped configuration of magnet 2. Also conceivable is a magnet 2 adhesively bonded to a T-shaped ferromagnetic piece as illustrated in FIG. 17. FIG. 20 illustrates a side view of this embodiment, showing a magnet 2 with a magnetosensitive element 3 installed on a T-shaped ferromagnetic pole piece. In both cases it is possible, by virtue of the shape of magnet 2, to obtain a position in the interior of the magnet such that the induction is relatively close to zero gauss.